Interactive Technologies

Input Device

Input Device: Digital pen (two included)
Pen Technology: Infrared 940 nanometer
Input: Single user

Basic Software (included)

Easy Interactive Driver
Easy Interactive Tools (available from Epson support site)

TeamBoard Draw!

Driver and Tools Requirements:

Windows 2000 SP4 or later, Windows XP SP2 or later (Home Edition/Professional), Windows Vista® (All editions except for Starter 32-bit only), Windows 7 (32- or 64-bit), Mac OS® X 10.3.x, 10.4.x, 10.5.x, 10.6.x

TeamBoard Draw! Requirements:

Minimum Requirements: Standalone computers Windows XP SP3 (32-bit), Windows Vista (32- or 64-bit) or Windows 7 (32- or 64-bit), Quicktime player and Flash player installed

Intel® Mac OS X 10.5x or later

Processor: 1.8 GHz
Memory: 512MB RAM (1GB Recommended)
Hard Drive Space: 600MB
Resolution: 1024 x 768

Educational Software (available)

RM EasiTeach Next Generation for Windows and Macintosh®

Requirements:

Microsoft® Windows

Standalone computers using Windows XP SP3 (32-bit), Windows Vista (32- or 64-bit) or Windows 7 (32- or 64-bit)

Apple® Macintosh

OS X 10.5 or later

Projector Recommended Computer Requirements

Microsoft Windows

- Pentium® III 1.2 GHz
- 256MB RAM
- Windows XP, Windows XP Tablet service pack 2 or above, or Windows Vista, Windows 7
- One available USB port
- Ink Tools — Windows Vista SP1, SP2, Windows 7 and Microsoft Office 2003 or above

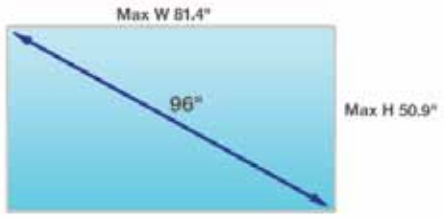
Apple Macintosh

- PowerPC® G3 9000 MHz or Intel microprocessor, Intel Core Duo 1.5 GHz
- 256MB RAM
- System software OS X 10.3.9
- One available USB port

Dimensions (W x D x H)

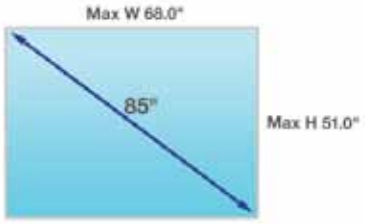
Pen Tray: 7.75” x 1.25” x 3.50”

Maximum Image Size



16:10
Total Interactive Area: 4142 Sq. In.

16:9
Total Interactive Area: 3698 Sq. In.

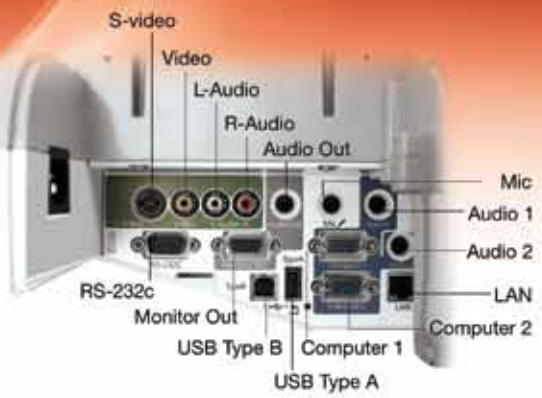


4:3
Total Interactive Area: 3468 Sq. In.

EPSON®
EXCEED YOUR VISION

EPSON® BrightLink® 455Wi

Interactive Projector



Product Name	Product Code	UPC
BrightLink 455Wi Interactive Projector	V11H440020	0 10343 88227 0
BrightLink 455Wi Interactive Projector with RM EasiTeach	V11H440020RM	0 10343 88230 0
Interactive Pen (ELPPN02)	V12H442001	0 10343 88167 9
Genuine Epson Lamp	V13H010L57	0 10343 87574 6
Replacement Air Filter	V13H134A34	0 10343 88229 4

Specifications

Projection System
Epson 3LCD, 3-chip technology

Projection Method
Front/rear/wall mount/table

Driving Method
Epson Poly-silicon TFT Active Matrix

Pixel Number
1,024,000 dots (1280 x 800) x 3

White Light Output[1]
2500 lumens (ISO 21118 Standard)

Color Light Output[1]
2500 lumens

Aspect Ratio
16:10

Native Resolution
1280 x 800 (WXGA)

Resize
640 x 480 (VGA), 800 x 600 (SVGA),
1024 x 768 (XGA), 1152 x 864 (SXGA1),
1280 x 960 (SXGA2), 1280 x 1024 (SXGA3),
1280 x 768 (WXGA60-1), 1360 x 768 (WXGA60-2),
1440 x 900 (WXGA+), 1400 x 1050 (SXGA+),
1600 x 1200 (UXGA), 1680 x 1050 (WSXGA+)

Lamp Type
E-TORL 230 W UHE

Lamp Life[8]
Up to 3500 hours (ECO Mode)
Up to 2500 hours (Normal Mode)

Throw Ratio Range
(16:10) 0.37 – 0.50, (4:3) 0.44 – 0.59,
(16:9) 0.37 – 0.50

Size (projected)
Area: 4:3 55" – 85"
16:10 60" – 96"
16:9 60" – 93"

Keystone Correction Manual
Vertical: ± 50 degrees

Plug 'n Play
Mac 10.5 or later
DVI to VGA
USB Plug 'n Play for Windows 2000 or later

Contrast Ratio
Up to 2000:1

Color Reproduction
16.77 million colors

Dimensions (W x D x H)

14.5" x 19.0" x 6.1"
Weight: 14.1 lb with slide plate
12.9 lb without slide plate

Projection Lens

Type
Manual focus

F-number	Focal Length
1.80	4.68 mm

Zoom Ratio
Digital zoom 1.0 – 1.35x

Other

Display Performance
NTSC: 480 lines
PAL: 560 lines
(Depends on observation of the multi-burst pattern)

Input Signal
NTSC/NTSC4.43/PAL/M-PAL/N-PAL/PAL60/SECAM

Interfaces
Computer/component video:
D-sub 15 pin x 2
S-video: Mini DIN x 1
Composite video: RCA x 1
Audio in x 3 (RCA (L&R) x 1, mini stereo x 2)
Variable audio out: mini stereo x 1
LAN networking: RJ-45 x 1
Serial: RS-232c x 1
Monitor out: D-sub 15 pin x 1
USB Type B x 1 (USB display, mouse, keyboard interface)
USB Type A x 1 (USB memory device)
Wireless port 802.11 a/b/g (optional module sold separately)

Speaker
12 W monaural

Operating Temperature
41 ˚ to 95 ˚F (5 ˚ to 35 ˚C)

Power Supply Voltage
100 – 240 V ±10%, 50/60 Hz

Power Consumption
363 W
Network on: 10 W standby,
Network off: 0.3 W standby
Direct power on/off
Instant Off®

Fan Noise
35 dB (Normal Mode)
28 dB (ECO Mode)

Security
Kensington®-style lock provision,
Security anchor bar,
Password protection function

Remote Control

Features
Source search, power, aspect, color mode, volume, e-zoom, A/V mute, freeze, menu, help, auto, enter, esc

Operating Angle
Rear:
Right/left: - 55 to +55 degrees
Upper/lower: +75 to +15 degrees

Front:
Right/left: - 30 to +30 degrees
Upper/lower: 0 to +60 degrees

Operating Distance
19.7 ft (6 m)

Packaging Specifications

BrightLink 455Wi
Dimensions 14.5" x 19.0" x 6.1" (W x D x H)
Weight 51.9 lb

Pallet Information
Pallet Dimensions 40" x 48" x 44.7" (W x D x H)
Pallet Weight 364 lb
Units Per Pallet 6 (2 units per layer)

Genuine Epson Lamp
Dimensions 6.3" x 5.6" x 5.6" (W x D x H)
Weight 0.8 lb
Master Carton
Dimensions 28.4" x 13.1" x 6.8" (W x D x H)
Weight 9.7 lb
Units Per Master Carton 10

Replacement Air Filter
Dimensions 3.9" x 4.9" x 1.2" (W x D x H)
Weight 0.1 lb
Master Carton
Dimensions 5.2" x 12.7" x 4.6" (W x D x H)
Weight 1.4 lb
Units Per Master Carton 10

Interactive Pen
Dimensions 2.2" x 7.6" x 1.3" (W x D x H)
Weight 0.1 lb
Master Carton
Dimensions 8.3" x 16.4" x 2.9" (W x D x H)
Weight 2.0 lb
Units Per Master Carton: 10

Accessory Part Numbers

On Wall Cable Management Kit	ELPCK01
16:10 Height Adjustable Cart for Epson Ultra Short Throw Projectors	V12H457008
Lock Box For Height Adjustable Cart	V12H457004
Rear Laptop and Keyboard Tray	V12H457005
Side Laptop Tray Accessory for Height Adjustable Cart	V12H457006
16:10 Height Adjustable Wall Mount for Epson Ultra Short Throw Projectors	V12H457010
DC-11 Document Camera	V12H377020
Quick Wireless Connection USB Key	V12H005M08
Wireless 802.11 b/g/n LAN Adapter	V12H306P11
90" Whiteboard	V12H468002
96" Whiteboard	V12H468001
BrightLink 455Wi Interactive Table Mount from Copernicus Education Products	**interaktable.com or copernicused.com**

Support-The Epson Connection℠

Pre-sales support
U.S. and Canada 800-463-7766
Internet website www.epson.com

Service Programs
Two-year projector limited warranty, Epson Road Service program, Epson PrivateLine® dedicated toll-free support and 90-day limited lamp warranty

What's In The Box
BrightLink 455Wi interactive projector
Projector mount
Projector template sheet
Installation guide
Quick users guide
Power cable (5 m, 16.4')
USB A/B cable (5 m, 16.4')
Computer/VGA cable (4.5 m, 15')
User manual
Interactive driver
Interactive software
Network software
Projector remote control
Two (2) interactive pens
Pen tray
Four (4) AAA batteries (for interactive pens) + battery charger
Two (2) AA batteries (for remote)
PrivateLine support card
Epson Road Service program
Password protection sticker
TeamBoard Draw! software for Windows and Macintosh
Welcome tool kit

[1] Color and white light output will vary depending on mode selected. White light output measured using ISO 21118 standard.
[2] Office 2003 or later with WIndows Vista or Windows 7.
[3] Interactive Table Mode cannot operate without a table mount specifically designed for this purpose. The wall mount included with BrightLink 455Wi is NOT an Interactive Table mount. A suitable mount is available through Copernicus Educational Products. Please visit www.epson.com/BL455table for more information about Interactive Table Mode.
[4] Recommendation based on normal room conditions. Cleaning requirements may vary depending on use, environment and other conditions. Cleaning intervals may be adjusted to accommodate the environment in which the projector is used.
[5] See our website for convenient and reasonable recycling options at www.epson.com/recycle
[6] SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.
[7] Data source: Projector Central.com Jan. 2011. Average of 1038 shipping models for which manufacturers provided lumens and total power data, all resolutions and brightness levels.
[8] Lamp life will vary depending upon mode selected, environmental conditions and usage. Lamp brightness decreases over time.

www.epson.com/brightlink

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www.epson.ca

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EPSON®
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EPSON® BrightLink® 455Wi

INTERACTIVE PROJECTOR

Expand Your Interactive Projection Possibilities.

In the past, you needed a projector and an interactive whiteboard to create an interactive environment. Now, you can make almost any wall — or even a tabletop — interactive with the BrightLink 455Wi. This high-performance projector + pen combination integrates interactive functionality in one machine without the constraints or expense of an interactive whiteboard. With ultra-short throw distance, extraordinary size flexibility, a 12 watt speaker and a whole host of accessories, BrightLink redefines interactive multimedia presentations, offering a true all-in-one solution.

Make walls or tables interactive — one simple solution for both walls and tabletops; interactive functionality in a projector + pen combination; no need to purchase an expensive whiteboard

Bright performance — 2500 lumens color light output, 2500 lumens white light output[1]; brilliant 3LCD technology ensures bright, vibrant images whether you're using the interactive functionality or just making a presentation

Easy integration — cross compatible with most annotation solutions; comes with EIT and TeamBoard Draw! and works with Windows® new Ink Tools[2]; enables you to access annotation tools already built into Windows 7 or Windows Vista®

EPSON® BrightLink® 455Wi
INTERACTIVE PROJECTOR

The best-selling projectors in the world.

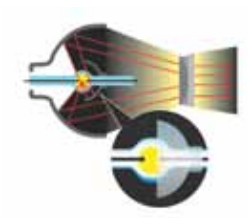
Epson understands business and education, and has a solution, no matter what your situation. Built with image quality and reliability in mind, Epson projectors enhance communication and inspire collaboration, while offering a low total cost of ownership. From long-throw projectors to ultra-short-throw and all-in-one solutions, Epson has the model made for you.

Interactive Table Mode

Expand the possibilities with one projector. Now, there are two ways to interact — transform a table into an interactive table. With the flexibility of BrightLink, you have the choice to wall or table install.[3] Use BrightLink in small-group learning centers or as a workstation. For details on how to turn BrightLink from an i-wall to an i-table, visit epson.com/BL455table

Ultra bright and full-featured

- 2500 lumens color and white light output[1] — no loss of brightness with interactive functionality
- Energy-efficient E-TORL® lamp for more lumens per watt
- RS-232 and RJ-45 connectivity, plus built-in 12 W speaker
- Content over IP capabilities, message broadcasting and easy remote monitor/control



E-TORL lamp

Ultra big and wide

- Create one of the largest interactive areas possible without paying a premium for size
- Get an interactive area up to 96" diagonal (WXGA)

Ultra flexible

- Select the size to best meet your needs and maximize available space
- Interactive image size can be set from:
  - 59" to 96" diagonal (native WXGA)
  - 55" to 85" diagonal (XGA)

Ultra versatile

- Maximize the value of available room space
- Project on pre-installed dry-erase boards, or use a plain wall to create a large interactive area
- Transform a table into an interactive table
- Choose to install on a wall (wall mount included) or table (table top mount required — sold separately)[3]

Ultra-short throw

- Stand as close as 6" in front of the board without shadow interference
- New high performance optics virtually eliminate hardware and shadow interference
- Wall mount included for easier installation and areas with limited space

Easy integration

- Interacts with various devices, widgets, wikis, apps and software
- Cross-compatible with most instructional software applications
- Advanced connectivity features for your growing needs

Recalculate your spending

- Outfit more classrooms, confrence rooms or tables faster, and use the cost savings to purchase something else on your technology wish list
- Compare costs and see why you should consider BrightLink before buying interactive whiteboard systems

Getting up and running with BrightLink is easy and straightforward

On-site and free online resources are available. Learning projector basics takes about 30 minutes. We offer resources that include simple steps for interactive success.

- Online, BrightLink's Educator Resource Center (at www.Epson.com/BrightLink) provides convenient access to all training resources: on-demand how-to videos, training tutorials and cool tools that our community of users is discovering
- End-user Welcome Tool Kit — ships in the projector box (to be left for the end user)
- A series of complementary webinars teach BrightLink users how to master the annotation tools quickly, in a classroom or conference room
- For on-site Professional Development, Epson has options available. See details at www.Epson.com/BrightLink
- Check out our ever-expanding collection of short video tutorials, BrightLink BrightSpots. They provide short nuggets of knowledge and how-to videos about a whole host of topics

What's included: Everything you need, from installation to instruction, for one low price

- Ultra-short throw, WXGA projector
- Wall mount (included at no additional cost)
- 2 interactive pens, rechargeable batteries and battery charger
- Pen tray to store both BrightLink pens; tray is magnetic for immediate attachment or comes with installation screws
- New 12 W speaker, 18% more powerful than the previous model
- New electrostatic filter designed to extend the life of the filter up to 5000 hours[4]
- 15' VGA, 16.4' USB and 16.4' power cable
- Full edition TeamBoard Draw! annotation software for Windows and Mac®
- Epson's advanced networking and monitoring software — EasyMP® Network Projection and EasyMP Monitor
- BrightLink Welcome Tool Kit, designed to quickly get end users comfortable with BrightLink webinars
- Service and support you can rely on

Epson's ultra-short throw design eliminates many common integration problems

Stand as close as 6" in front of the board without shadow interference or eye glare.

Standard short throw

Project a 60" (16:10) image from 24" away

VS.

Ultra-short throw

Project an 80" (16:10) image from 10" away

Better Products for a Better Future™

For more information on Epson's environmental programs, go to eco.epson.com

Eco Features

- Energy-efficient 3LCD light engine
- Designed to be recycled[5]
- Epson America, Inc. is a SmartWay℠ Transport Partner[6]

SmartWay℠ Transport Partner
Getting There With Cleaner Air

3LCD technology — for quality and color that's beyond amazing

Innovative technology with proven reliability

- 3 chips for full-time, vibrant color
- 25% less electricity required per lumen of brightness when compared to 1-chip DLP projectors[7]
- Road-tested reliability from a company with more than 20 years of experience

Brilliant widescreen performance

The BrightLink 455Wi is ideal for use with the latest-generation widescreen computers and for projecting high-definition content with WXGA resolution (16:10 aspect ratio). The BrightLink 455Wi still allows you to display 4:3 and 16:9 content without losing image quality. 16:10 gives you:

- 30% more image area than a 4:3 image
- 10% more image area than a 16:9 image

SVGA

800 x 600

Meets basic projection needs. 77" max image.

XGA

1024 x 768

Ensures sharper detail. 87" max image.

WXGA BrightLink

1280 x 800

Offers higher quality and is ideal for widescreen (16:10 aspect ratio) display. 96" max image.

Add BrightLink to your existing network for easy remote monitoring and control.

The 455Wi works seamlessly with existing systems for easy and consistent management of all Epson projectors on the network. With Epson EasyMP Monitor software and Network Projection software, both included with BrightLink, users can present, monitor and manage their Epson projector fleet over the network.

BrightLink 455Wi Interactive Projector

Cost savings

- Maximize lamp life by using network monitor and control features to manage the power status of remote projectors
- Minimize downtime and increase productivity by utilizing e-mail notifications to provide information on projector error conditions, allowing IT directors to promptly schedule maintenance and parts replacement
- Use EasyMP Network Projection for presentations and meetings over the web, eliminating travel time and cost
- Secure confidential data transmissions by utilizing advanced network security protocols, including WEP and WPA2

Higher productivity

- Use BrightLink with internet meeting applications to turn dull presentations into interactive, collaborative working sessions

Effective communication

- Present over the network to remote locations, allowing users to expand their reach and audience, resulting in better organizational communication
- Use message broadcasting to communicate important organizational announcements over the network
- Present the whole story by sending four independent images from one PC to multiple networked projectors*

*Requires Windows XP SP3